

MONUMENT RECORD

Corner ID: **BeBI_E07**

Quarter Corner

Sections 7 & 8- T10N-R02W, 2nd P.M.
Bean Blossom Township, Monroe County, Indiana

Section 07

T10N-R02W

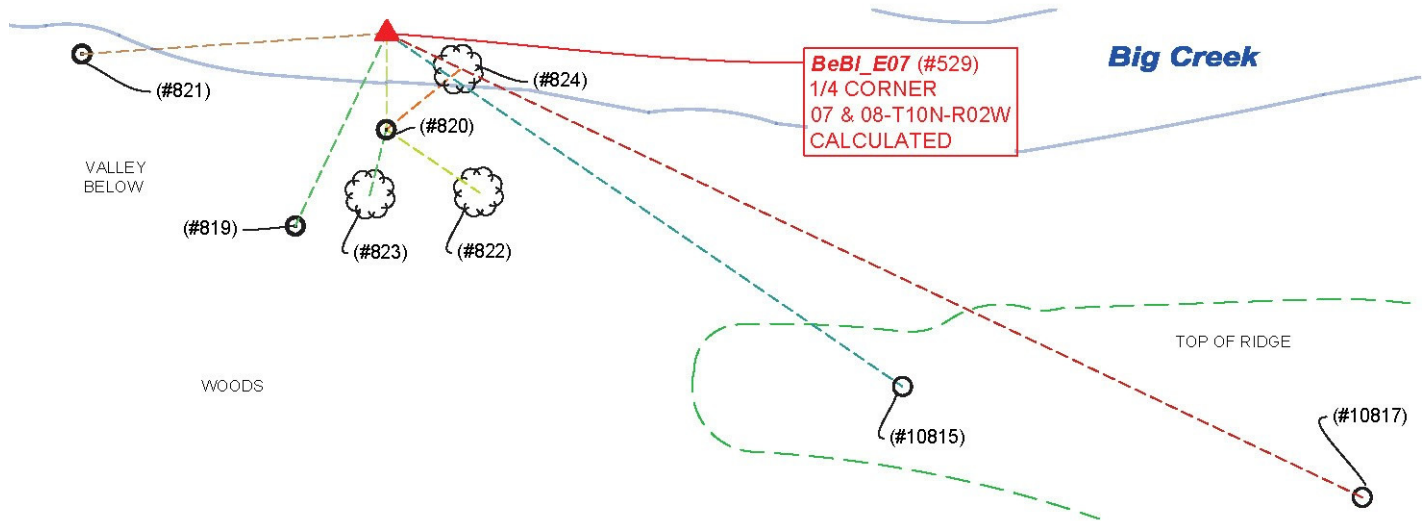
Section 08

T10N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#529) calculated location of Quarter Section corner falls in a creek. An offset corner monument (#820-5/8" rebar (24" long) with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS #20100021), was set flush with ground, on the Section line, 25.0' South of the calculated Quarter Section corner.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence.

BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station. Note witness monuments listed in the below table are to the offset corner monument.

ID	Bearing	Distance	Description
(#824)	N50° 54'E	24.5	6" diameter sugar maple tree
(#822)	S56° 01'E	29.3'	15" diameter Shagbark Hickory tree
(#823)	S14° 12'W	17.7'	16" diameter Shagbark Hickory tree

CORNER ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the corner. Note Corner accessories listed in the table below are to the calculated Quarter Section corner location, in a creek.

(#820)	S00°21'04"W	25.0'	N:1482543.9427' E:3070244.8177' MCSO Capped rebar set flush
(#819)	S25° 27' 35"E	55.40'	N:1482518.9206' E:3070221.1550' Rebar Lite
(#821)	S86° 08' 17"W	79.51'	N:1482563.5874' E:3070165.6443' Rebar Lite
(#10815)	S55° 38' 06"E	162.45'	N:1482477.2438' E:3070379.0679' Mag hub nail set flush on top of hill
(#10817)	S64° 35' 33"E	280.81'	N:1482448.4592' E:3070498.6212' Mag hub nail set flush on top of hill



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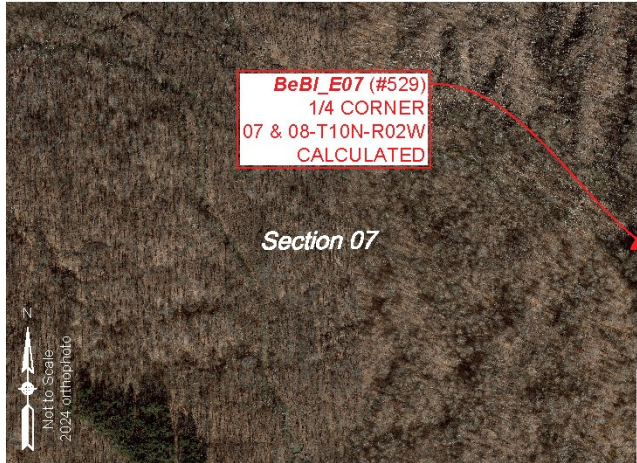


PHOTO IDENTIFIED: Photo Date: 07/26/2024



Photo Orientation & Description: From Southwest looking Northeast at offset corner monument.



Photo Orientation & Description: From Southeast looking Northwest at offset corner monument.

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: William Harris Deputy Surveyor
Where filed or recorded: Monroe County original notes page 265.
Original monument: Post
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sycamore	30"	N60°W	23 Links
Elm	6"	N33°E	30 Links

Notes: Per the dimensions on the original notes, the original post was set in a 10-link wide brook.

SUBSEQUENT CORNER RESTORATION:

None Found

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
9/26/2013	RSID005420	Guerrettaz, Bernard	Wilhite II South Type "E" Administrative Subdivision Plat	2013018041.IN

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 07/26/2024 By: MES/WEP Monument Found: None, offset rebar set BTs or Reference Objects Found: No, but references established. Project #: 24-001 Field Book: 56, pages 77 & 78.



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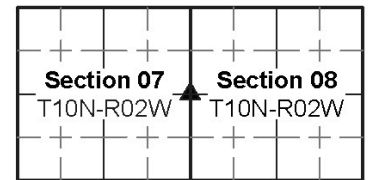
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OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

Corner is in an approximate 35' wide creek bed. We reached the location by walking through the woods from the end of a drive that begins at 9216 West Wolf Mountain Road.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

Since the calculated Quarter Section corner is in a creek, we set an offset corner monument on the Section line, 25.0' South of the calculated Quarter Section corner. Also 2 rebar Lites and 2 mag hub nails were set nearby and their relativity to the calculated corner was documented.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The corner was calculated at the intersection of lines formed from the rebar set (from original witnesses) at the center of the Section 8 (#1000, BeBI_G07) through the stone found (#749, BeBI_F07) $\pm$ midway between said center of Section and the West Quarter of said Section with the extension of a line beginning at a rebar set in place of a found and removed nail at an old fence corner at the Northwest corner of said Section 8 (#58, BeBI_E05), through an engraved stone found (#10791, BeBI_E06) between said BeBI_E05 and the West Quarter corner of said Section 8. The stone at said BeBI_F07 is cited in Legal Survey Book 2, Page 399 as having been set "Half dist bet W $\frac{1}{2}$ M & center". Which is why the extension of BeBI_G07 through this stone was held to reestablish BeBI_E07. The stone at said BeBI_E06 is cited in a description of land described in instrument #2018015505 in the Monroe County Recorder's Office as "stone marked "J.B.X." at the southeast corner of the northeast quarter of the northeast quarter on the east line of said east half of Section 7". Which is why the extension of BeBI_E05 through this stone was held to reestablish BeBI_E07. The stone at BeBI_E06 is also cited as the NW corner SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 5 (Should read Sec 8), on a survey by Bernard A. Guerrettaz II recorded in instrument #2018015505 in the Monroe County Recorder's Office, RSID005420 in the Monroe County Surveyors Office. In said survey, Mr. Guerrettaz calculated the corner at BeBI_E07 $\pm$ N16 degrees 28 minutes West 18.0' from where it was calculated this survey, based on the distances shown on the survey plat of 1307.55' from #749 (BeBI_I06) and 1311.47' from #10773 (BeBI_F07)). Mr. Guerrettaz's survey contains no report, thus, I cannot decipher why he calculated the corner $\pm$ 18' from where I did. The corner, calculated in the manner it was calculated in this survey, bears, in my opinion an uncertainty of 10' of being where it was originally established in the original survey.

GEODETIC COORDINATES: *Northing:1482568.9 Easting:3070245.0'*

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 7 or 8 Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.



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CERTIFICATIONS:



Michael E. Sheppard

Date: 9/17/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 9/17/2024
Trohn Enright-Randolph
Monroe County Surveyor



Donna Baird

Accepted by the Monroe
County Surveyor Review
Board on 9/17/2024



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